BRUHAT BANGALORE MAHANAGAR PALIKE

Project Division, Yelahanka Zone

SCHEDULE - B

Maintenance and Repair works at Primary Health Center at Jakkur in Ward No.05

SNo	Quantity	Item Name	Unit	Approved Rates of Sri. Gnanendra Murthy M D	
				In figures	In words
1	7.17	Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the exavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications and directions of the Engineer incharge.	Cum	508.78	Rupees Five Hundred Eight And Paise Seventy Eight Only
2	1.52	Providing and Filling in foundation with granite / trap broken metal 100mm. and down size, with approved sand including hand packing, ramming, watering, including cost of all materials and labour with all lead and lift. complete as per specifications and directions of the Engineer incharge.	Cum	2752.39	Rupees Two Thousand Seven Hundred Fifty Two And Paise Thirty Nine Only
3	1.14	Providing and laying in position plain cement concrete of mix 1:4:8(M7.5)with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregtes @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications and directions of the Engineer incharge.	Cum	5781.26	Rupees Five Thousand Seven Hundred Eighty One And Paise Twenty Six Only
4	0.57	Providing and laying in position plain cement concrete of mix M15 with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @0.878cum and fine aggregtes @ 0.53cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation,plinth and cills, including cost of all materials, labour, HOM of machinery, curing complete as per specifications and directions of the Engineer incharge.	Cum	6143.86	Rupees Six Thousand One Hundred Forty Three And Paise Eighty Six Only
5	2.28	Providing and constructing granite / trap / basalt size stone masonry in foundation cement mortar 1:6, stone hammerddressed in courses not less than 20 cms high, bond stones at 2m apart in each course including cost of materials, labour, curingcomplete as per specifications and directions of the Engineer incharge.	Cum	5207.89	Rupees Five Thousand Two Hundred Seven And Paise Eighty Nine Only
6	1.07	Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20 cms. in depth, compacting each deposited layer by ramming after watering with lead upto 50 m. and lift upto 1.5 m. including cost of all labour complete as per specifications and directions of the Engineer incharge.	Cum	227.76	Rupees Two Hundred Twenty Seven And Paise Seventy Six Only
7	6.10	Conveying the excavated earth, debries etc., with all lead and lifts including loading and unloading charges etc., complete as per the direction of the Engineer-in-charge.	Cum	70.39	Rupees Seventy And Paise Thirty Nine Only

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SNo	Quantity	Item Name	Unit	Approved Rates of Sri. Gnanendra Murthy M D	
				In figures	In words
8	5.94	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings, bases of columns for mass concrete including cost of all materials, labour complete as per specifications and directions of the Engineer incharge.	Sqm	292.35	Rupees Two Hundred Ninety Two And Paise Thirty Five Only
9	5.69	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness , including attached pilasters, buttresses, plinth and string courses cost of all materials, labour complete as per specifications and directions of the Engineer incharge.	Sqm	405.66	Rupees Four Hundred Five And Paise Sixty Six Only
10	35.52	Providing and removing centering, shuttering, strutting, propping etc. and Removal of form Work for columns, pillars, piers, post and struts, square / rectangular / polygon in plan including cost of all materials, labourcomplete as per specifications and directions of the Engineer incharge.	Sqm	516.71	Rupees Five Hundred Sixteen And Paise Seventy One Only
11	72.78	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for suspended floors, landings, balconies and likes, thickness upto 200 mm including cost of all materials, labour complete as per specificaitons for heights more than 3.50m from ground level. - 0 to 5 mtrs.complete as per specifications and directions of the Engineer incharge.	Sqm	453.25	Rupees Four Hundred Fifty Three And Paise Twenty Five Only
12	5.40	Providing and removing centering, shuttering, strutting, propping etc., for edges of slabs and breaks in floors including cost of all materials,labour complete as per specifications and directions of the Engineer incharge.	Sqm	855.52	Rupees Eight Hundred Fifty Five And Paise Fifty Two Only
13	73.61	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders, bressumers and lintels not exceeding 1m in depth including cost of all materials, labour complete as per specifications and directions of the Engineer incharge.	Sqm	330.88	Rupees Three Hundred Thirty And Paise Eighty Eight Only
14	43.73	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for Stairs (excluding landing) except spiral staircase including cost of all materials, labourcomplete as per specifications and directions of the Engineer incharge.	Sqm	589.23	Rupees Five Hundred Eighty Nine And Paise Twenty Three Only
15	15.18	Providing and removing centering, shuttering, strutting, propping etc., for chajjas, corbels etc. , including edges including cost of all materials, labourcomplete as per specifications and directions of the Engineer incharge.	Sqm	366.00	Rupees Three Hundred Sixty Six Only

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No	Quantity	Item Name	Unit	Approved Rates of Sri. Gnanendra Murthy M D	
				In figures	In words
16	1.85	Providing and laying in position reinforced cement concrete of Design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70 cum and fine aggregtes @ 0.47cum, with super plasticisers @ 3 liters confirming to is 9103-1999 reafirmed-2008 at machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation for footings, pedastals, retaining walls, return walls, walls (any thickness) including attached pilasters, columnspillars, posts, struts, buttresses, bed blocks, anchor blocks & plinths etc., including cost of all materials, labour, HOM of machinery, curing, complete as per specifications and directions of the Engineer incharge.	Cum	6585.79	Rupees Six Thousand Five Hundred Eighty Five And Paise Seventy Nine Only
17	2.30	Providing and laying in position reinforced cementconcrete of design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70cum andfine aggregtes @ 0.47cum,with superplastisiser @3lts confirming to IS 9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick,vibrated fo all works in ground Floor level for roof slabs ,staircase, lintels , beams, retaining walls ,return wall, walls (an thivck ness) including attached plasters ,columns, pillars,posts,struts.butters,string or lacing courses ,parapets,coping,bed blocks,anchor blocks ,plain window cills,fillets including cost of all materials, labour,HOM of machinery, curing,complete as per specifications and directions of the Engineer incharge.	Cum	6849.81	Rupees Six Thousand Eight Hundred Forty Nine And Paise Eighty One Only
18	9.59	Providing and laying in position reinforced cementconcrete of design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70cum andfine aggregtes @ 0.47cum,with superplastisiser @3lts confirming to IS 9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick,vibrated fo all works in ground Floor level for roof slabs ,staircase, lintels , beams, retaining walls ,return wall, walls (an thivck ness) including attached plasters ,columns, pillars,posts,struts.butters,string or lacing courses ,parapets,coping,bed blocks,anchor blocks ,plain window cills,fillets including cost of all materials, labour,HOM of machinery, curing,complete as per specifications and directions of the Engineer incharge. First Floor	Cum	6917.80	Rupees Six Thousand Nine Hundred Seventeen And Paise Eighty Only
19	18.23	Providing and laying cement concrete using 20 mm and down size granite coarse aggregates and fine aggregates of ready mixed concrete (RMC) for R.C.C works laid in 15 cms thick layers and well compacted including vibrating, curing, etc for all super Structure works with all lead and Lift etc., complete as per specifications and directions of the Engineer incharge.	Cum	6228.85	Rupees Six Thousand Two Hundred Twenty Eight And Paise Eighty Five Only

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Sl No	Quantity	Item Name	Unit	Approved Rates of Sri. Gnanendra Murthy M D	
				In figures	In words
20	9.00	Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 27.20kgs, with 12mm and down size graded granite metal coarse aggregates @0.5865cum and fine aggregtes @ 0.391cum, with superplastisiser @0.225lts, machine mixed, well compacted for plain chajja of 8.5 cms. average thickness, upto First Floor level, including cost of all materials, labour, HOM of machinery, finishing, curing, complete as per specifications and directions of the Engineer incharge.	Sqm	567.70	Rupees Five Hundred Sixty Seven And Paise Seventy Only
21	0.69	Providing T.M.T bars Fe 500 steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinerycomplete as per specifications and directions of the Engineer incharge.	tonne	72985.29	Rupees Seventy Two Thousand Nine Hundred Eighty Five And Paise Twenty Nine Only
22	3.62	Providing T.M.T bars Fe 500 steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications and directions of the Engineer incharge. First Floor	tonne	73832.88	Rupees Seventy Three Thousand Eight Hundred Thirty Two And Paise Eighty Eight Only
23	121.68	Providing and constructing load bearing wall with solid concrete blocks of size 400X200X200mm having block density not less than 1800kg/m3 having a minimum average compressive strength 5.00N/mm2 confirming to IS 2185 (part 1) :2005 and constructed with cement mortar 1:4,as per IS 2572:2005 including cost of materials, labour charges, scaffolding, curing, hire charges of machinaries etc.,complete as per specifications and directions of the Engineer incharge	Sqm	1073.08	Rupees One Thousand Seventy Three And Paise Eight Only
24	10.08	Providing and constructing non-load bearing wall with solid concrete blocks of size 400X100X200 having a block density not less than 1800kg/m3 having a minimum average compressive strength of 4.00 N/mm2 conforming to I.S : 2185 (Part 1) : 2005 and constructed with CM 1:4, as per IS 2572:2005 including cost of all materials, labour charges, scaffolding, curing, hire chargesof machineries etc.,complete as per specifications and directions of the Engineer incharge	Sqm	958.63	Rupees Nine Hundred Fifty Eight And Paise Sixty Three Only
25	29.20	Providing and constructing non-load bearing wall with solid concrete blocks of size 400X100X200 having a block density not less than 1800kg/m3 having a minimum average compressive strength of 4.00 N/mm2 conforming to I.S : 2185 (Part 1) : 2005 and constructed with CM 1:4, as per IS 2572:2005 including cost of all materials, labour charges, scaffolding, curing, hire chargesof machineries etc.,complete as per specifications and directions of the Engineer incharge Second Floor	Sqm	998.29	Rupees Nine Hundred Ninety Eight And Paise Twenty Nine Only

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No	Quantity	Item Name	Unit	Approved Rates of Sri. Gnanendra Murthy M D	
				In figures	In words
26	172.80	Providing 18mm thick cement plaster in single coat with cement mortar 1:4, to brick masonry including rounding off corners. wherever required smooth rendering, Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and directions of the Engineer incharge	Sqm	309.35	Rupees Three Hundred Nine And Paise Thirty Five Only
27	58.40	Providing 18mm thick cement plaster in single coat with cement mortar 1:4, to brick masonry including rounding off corners. wherever required smooth rendering, Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and directions of the Engineer incharge Second Floor	Sqm	322.94	Rupees Three Hundred Twenty Two And Paise Ninety Four Only
28	165.43	Providing 12mm thick cement plaster in single coat with cement mortar 1:4 , to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and directions of the Engineer incharge	Sqm	237.96	Rupees Two Hundred Thirty Seven And Paise Ninety Six Only
29	80.00	Providing 12mm thick cement plaster in single coat with cement mortar 1:4 , to ceiling including rounding off corners wherever required smooth rendering, : including Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and directions of the Engineer incharge	Sqm	261.75	Rupees Two Hundred Sixty One And Paise Seventy Five Only
30	245.43	providing applying two coats of wall putty to inside plastered walls and ceiling using white cement putty . Scrapping and levelling the surface using steel blade and preparing the surface even and smooth by using different grade sand papers, including cost of alll mateerial cost of labour and scaffolding etc. ,complete as per specifications and directions of the Engineer incharge	Sqm	88.38	Rupees Eighty Eight And Paise Thirty Eight Only
31	165.43	Providing and applying painting in two coats with plastic emulsion paint of approved brand on wall surface to give an even approved shade after thoroughly brushing the surface, free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications and directions of the Engineer incharge	Sqm	101.98	Rupees One Hundred One And Paise Ninety Eight Only
32	80.00	Providing and applying two coats with oil bound washable distemper of approved brand and shade on wall surface including priming coat with distemper primer after throughly brooming the surface free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications page no117 item no 15.49.1 . KSRB 15-14.1 : Extra over Item 15-14.1 for applying oil bound washable distemper on ceiling and / or sloping roof complete as per specifications and directions of the Engineer incharge	Sqm	133.71	Rupees One Hundred Thirty Three And Paise Seventy One Only
33	181.80	Providing external walls with texture finish using approved brand paint, applied uniformly in three coats over one coat of primer including cost of all materials, machineries, labour, transportation, loading and unloading, all lead and lift and all other incidental charges including scaffolding and removing stains, complete as per specifications and directions of the Engineer incharge	Sqm	394.33	Rupees Three Hundred Ninety Four And Paise Thirty Three Only

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No	Quantity	Item Name	Unit	Approved Rates of Sri. Gnanendra Murthy M D	
				In figures	In words
34	58.40	Providing external walls with texture finish using approved brand paint, applied uniformly in three coats over one coat of primer including cost of all materials, machineries, labour, transportation, loading and unloading, all lead and lift and all other incidental charges including scaffolding and removing stains, complete as per specifications and directions of the Engineer incharge Second Floor	Sqm	403.40	Rupees Four Hundred Three And Paise Forty Only
35	43.41	Providing and laying Hassan Green / River Pink granite flooring for staircase, treads and rises using pre polished 20 mm thick water cut green Granite slab laid over existing cement concrete bed in CM 1:3, average 20mm thick including full rounding for nosing , cutting 3 line grooves not more than 2 mm wide for antiskidding, including cost of all materials,mortar,labour,curing etc.,complete as per specifications and directions of the Engineer incharge	Sqm	5049.25	Rupees Five Thousand Forty Nine And Paise Twenty Five Only
36	86.82	Providing and laying Hassan Green / River Pink granite flooring for staircase, treads and rises using pre polished 20 mm thick water cut green Granite slab laid over existing cement concrete bed in CM 1:3, average 20mm thick including full rounding for nosing , cutting 3 line grooves not more than 2 mm wide for antiskidding, including cost of all materials,mortar,labour,curing etc.,complete as per specifications and directions of the Engineer incharge First Floor	Sqm	5051.52	Rupees Five Thousand Fifty One And Paise Fifty Two Only
37	176.39	Providing and laying M-15 cement concrete flooring, 50 mm thick with metallic concrete hardner topping , under layer of 35mm thick m-15 cement concrete using broken granite metal of 20mm and down size, and top layer 50mm thick of metallic cement hardner consisting of mix 1:2 (1 cement hardner mix : 2 granite metal 10mm nominal size) by volume, with which metallic hardening compound of approved quality mix in the ratio of 4:1 (4 part of cement and 1 part of metallic floor hardening compound of approved quality by wt) , including finishing cost of materials, labour, curing, complete as per specifications and directions of the Engineer incharge	Sqm	717.28	Rupees Seven Hundred Seventeen And Paise Twenty Eight Only
38	179.00	Providing and fixing for flooring 20mm thick gang saw water cut sadarhalli gray granite in CM 1:4 proportion, cut to required shape, pattern with paper joints, finished with cement mortar using white cement and colour pigments to match the colour of slab making through jointing with sealant, groves in joints including cost of curing - minimum width of 900mm.complete as per specifications and directions of the Engineer incharge	Sqm	2244.74	Rupees Two Thousand Two Hundred Forty Four And Paise Seventy Four Only

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No	Quantity	Item Name	Unit	Approved Rates of Sri. Gnanendra Murthy M D	
				In figures	In words
39	72.59	Providing and laying integral cement based waterproofing treatment including preparation of surface as required for treatment of roofs, balconies, terraces etc., consisting of following application. (a) Applying and grouting a slurry coat of neat cement using 2.75 kg/sqm of cement admixed with proprietary water proofing compound conforming to IS:2645 over the RCC slab after cleaning the surface before treatment. (b) Laying cement concrete using broken brick bats 25mm to 100mm size with 50% of cement mortar 1:5 admixed with proprietary water proofing compound conforming IS:2645 over 20mm thick layer of cement mortar 1:5 admixed with proprietary water proofing compound to required slope and treating similarly the adjoining walls upto 300mm height including rounding off junctions of walls and slabs. (c) After two days of proper curing, applying a second coat of cement lurry admixed with proprietary water proofing compound (d) Finishing the surface with 20mm thick jointless cement mortar of mix 1:4 admixed with proprietary water proofing compound and finally finishing the surface with trowel and neat cement slurry and making of 300x300mm square. (e) The whole	Cum	1126.34	Rupees One Thousand One Hundred Twenty Six And Paise Thirty Four Only
40	3.00	Fixing of door frames in an existing opening including embedding frame in floor and walls after cutting masonary for holdfasts for embedding holdfast in cement concrete 1:3:6 of 20mm and downsize granite metal painting two coats of coal tar to sides of frame,making good the damages to walls and floor as required and disposal of the debries with lead upto 50 m. including cost of materials, labour, complete as per specifications and directions of the Engineer incharge	Nos	1547.86	Rupees One Thousand Five Hundred Forty Seven And Paise Eighty Six Only
41	0.37	Providing Honne wood frames of doors, windows, clerestory windows,ventilators and other frames , wrought, framed or assembled including making plaster groves (excluding cost of cement concrete and side clamps),but including cost of materials, labour, HOM of machineriescomplete as per specifications and directions of the Engineer incharge	Cum	99267.25	Rupees Ninety Nine Thousand Two Hundred Sixty Seven And Paise Twenty Five Only
42	7.56	Providing and fixing in position fully panelled Honne wood shutters for doors, styles and rails of 40mm. thick with bottom and lock rails 180mm wide top rail and styles 100mm wide as per drawing and panels of 25mm thick including cost of materials, labour, HOM of machineries complete as per specifications and directions of the Engineer incharge	Sqm	5355.20	Rupees Five Thousand Three Hundred Fifty Five And Paise Twenty Only
43	7.92	Providing and applying painting two coats (excluding priming coat) on new wood surface and / or wood based surface with enamel paint to give an even shade, cleaning the surface of all dirt, dust and foreign matter, sand papering including cost ofmaterials, labour, complete as per specifications and directions of the Engineer incharge	Sqm	109.91	Rupees One Hundred Nine And Paise Ninety One Only

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No	Quantity	Item Name	Unit	Approved Rates of Sri. Gnanendra Murthy M D	
				In figures	In words
44	19.80	Providing and fixing in position aluminium windows and ventilators as per approved drawings with sliding shutters using three track window frame of size 92x31.75mm bottom section 1.3mm thick, weight 1.07kg/m; sides and top sections 1.3 mm, thick, weight 0.933 kg/m.shutter frame section comprising top and bottom section of size 40mmx18mm, wall thickness 1.25mm. weight 0.417 kg./m. shutter side outer 40mmx18mm. wall thickness 1.25mm. weight 0.417 kg/m, shutter interlock section 40mmx26.7mm wall thickness 1.1 mm. thick, weight 0.469 kg/m, the shutters mounted on nylon rollers with approved quality of fixtures such as aluminium handles tower bolts etc.; providing and fixing 5.5mm. thick plain glass for shutters fitted with rubber beading all aluminium sections including cutting to required length, joints mitred subdividing the frame tenonned and rivetted, in the assembled frame, stiffened with end clips for corners, angles etc., and fixed to the walls, lintels, floor beams/cills as the case may be, with necessary steel screws, raul plugs or teak wood gatties including cutting masonry or concrete and making good the original surface using cement mortar - using aluminium section powdered	Sqm	5032.26	Rupees Five Thousand Thirty Two And Paise Twenty Six Only
45	415.80	Providing and fixing M.S.grill work for windows and ventilators weighing 21kg/sqm using M.S. flats, or M.S. square rods, or combination of M.S. flats and square rods as per approve design, drawing including cutting steel sections and welding the same to required pattern with a coat of red lead primer, cost of materials, fixtures, labour and HOM of machinery complete as per specifications and directions of the Engineer incharge	kg	8.48	Rupees Eight And Paise Forty Eight Only
46	39.60	Providing and applying enamel metal paint two coats (excluding priming coat) over new steel or other metal surface brushing to give an even shade after cleaning oil, grease, dirt and other foreign matter, including cost of materials, labour, complete as per specifications and directions of the Engineer incharge	sqm	107.65	Rupees One Hundred Seven And Paise Sixty Five Only
47	3.40	Construction of embankment with approved material Gravel/Murrum with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement Table 300- 2 complete as per specifications.(Including cost of gravel / murrum, watering charges & compaction by vibratory roller to 95% of proctors density) complete as per specifications and directions of the Engineer incharge	cum	368.27	Rupees Three Hundred Sixty Eight And Paise Twenty Seven Only
48	15.21	Providing and fixing Stainless steel staircase raling as per Chief Architect Drawing No. 11520/ HRSC with hand rail 50mm dia 16 guage hollow pipe welded to vertical hollow 50mm dia pipe of 16 guage, stainless steel vertical pipe spaced at 1.20m regular intervals, and 5 Nos of 25mm dia. Stainless steel hollow horizontal pipe are welded to vertical 50mm dia hollow pipe. The entire assembly is fixed to staircase concrete by using expansion bolts by drilling concrete etc., complete including cost of materials, labour, HOM of machineries and electrical charges, etc., complete as per specifications and directions of the Engineer incharge	Sqm	6822.61	Rupees Six Thousand Eight Hundred Twenty Two And Paise Sixty One Only

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No	Quantity	Item Name	Unit	Approved Rates of Sri. Gnanendra Murthy M D	
				In figures	In words
49	30.42	Providing and fixing Stainless steel staircase raling as per Chief Architect Drawing No. 11520/ HRSC with hand rail 50mm dia 16 guage hollow pipe welded to vertical hollow 50mm dia pipe of 16 guage, stainless steel vertical pipe spaced at 1.20m regular intervals, and 5 Nos of 25mm dia. Stainless steel hollow horizontal pipe are welded to vertical 50mm dia hollow pipe. The entire assembly is fixed to staircase concrete by using expansion bolts by drilling concrete etc., complete including cost of materials, labour, HOM of machineries and electrical charges, etc., complete as per specifications and directions of the Engineer incharge First Floor	Sqm	6829.41	Rupees Six Thousand Eight Hundred Twenty Nine And Paise Forty One Only
50	3784.27	Fabrication supplying and erecting M.S. tubular trusses of all spans with prefabricated steel applications using quality material and are durable, reliable and corrosion and abrasion resistant. Welding shall confirm to latest structural welding code. Quality shall be on various parameters like shape, size, design gauge and polish. The entire trusses is anchored in RCC column by using 4 nos of M.S. anchor bolts at each support with 10mm thick base plate and shoe plate. The work includes cutting, straightening, placing in position of M.S. pipes and welding wherever necessary and applying one coat of redoxide primer coat to all the. members including cost of all materials, labour charges, and hire charges of machineries for cutting, welding, grinding and erection equipments, with all lead and lift, transportation, letc., complete as per specifications and directions of the Engineer incharge	kg	125.78	Rupees One Hundred Twenty Five And Paise Seventy Eight Only
51	117.25	PROVIDING TRAPEZOIDAL PROFILED SHEET Providing and installing of pre painted Galvolume iron Trapezoidal profiled sheet of approved make 1060 mm width (1000 mm cover width), 28-30 mm crest height with crest distance of 200 mm c/c with 2 ribs at the centre for stiffening. The total coated thickness (TCT) of the sheet will be 0.47 mm +/- 0.02 mm tolerance Zinc-Alu Alloy coating AZ150 gsm as per ASTM 1397/A755-550 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 20-22 microns using self drilling/self tapping screws of 25 mm length, to be fixed over the existing purlins, rafters, channels and trusses.complete as per specifications and directions of the Engineer incharge	Sqm	779.60	Rupees Seven Hundred Seventy Nine And Paise Sixty Only
52	117.25	Applying red lead ready mix priming coat over new steel or other metal surface including preparing the surface after throughly cleaning oil, grease, dirt and other foreign matter, and scoured with wire brushes, fine steel wool, sand papers including cost of materials, labour,complete as per specifications and directions of the Engineer incharge	Sqm	46.46	Rupees Forty Six And Paise Forty Six Only

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No	Quantity	Item Name	Unit	Approved Rates of Sri. Gnanendra Murthy M D	
				In figures	In words
53	45.99	Providing and installing of approved make pre painted Galvalume iron Accessories, like, plain, ridges, plain gutter, plain flashing, corner Trim, etc. The total coated thickness (TCT) of the sheet shall be 0.47 mm +/- 0.02 tolerance mm Zinc-Alu Alloy coating AZ 150 gsm as per ASTM 1397/755 -550 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 20-22 microns using self drilling / self tapping screws of 25 mm length. (width upto 500-600 mm only), to be fixed over the existing purlins, rafters, channels and trusses.complete as per specifications and directions of the Engineer incharge	Sqm	747.87	Rupees Seven Hundred Forty Seven And Paise Eighty Seven Only
54	7.00	Point wiring using copper wire without switch (Class A material). Supplying and wiring adopting loop system in existing PVC conduit/casing capping using 2X1.5Sqmm(phase &Netural) &1X1.0 Sqmm (Earth Wire) FRLSmultistrand PVC insulated ,2x1.5sqmm copper confirming to the GTP With a 6Amps flusg type SP control switch shall be fixed on the existing plastic sheet / gand box .the other end of the wire shall be terminated with sufficient loose length in a wood/PVC round block, complete for each outlet. Short point upto 3m complete as per specifications and directions of the Engineer incharge	Point	209.84	Rupees Two Hundred Nine And Paise Eighty Four Only
55	8.00	Point wiring using copper wire without switch (Class A material). Supplying and wiring adopting loop system in existing PVC conduit/casing capping using 2X1.5Sqmm(phase &Netural) &1X1.0 Sqmm (Earth Wire) FRLSmultistrand PVC insulated ,2x1.5sqmm copper confirming to the GTP With a 6Amps flusg type SP control switch shall be fixed on the existing plastic sheet / gand box .the other end of the wire shall be terminated with sufficient loose length in a wood/PVC round block, complete for each outlet. Medium point above 3m - 6m complete as per specifications and directions of the Engineer incharge	Point	288.53	Rupees Two Hundred Eighty Eight And Paise Fifty Three Only
56	50.00	Concealed Conduit System - Supplying heavy gague PVC conduit pipe 20/25/32 mm dia 2mm thick confirming to IS 2509 with suitable size bends metal/pvc junction boxes, adhesive paste etc, and running before concreting and slab. The conduit should be tied to the reinforcement rods by using binding wires and unused ways of junction boxes and pipe ends should be covered using PVC end enclosures, run with 18SWG GI fisg wire wherever necessary 19/20mm dia, 2mm thick complete as per specifications and directions of the Engineer incharge	Mtr	41.97	Rupees Forty One And Paise Ninety Seven Only
57	30.00	Concealed Conduit System - Supplying heavy gague PVC conduit pipe 20/25/32 mm dia 2mm thick confirming to IS 2509 with suitable size bends metal/pvc junction boxes, adhesive paste etc, and running before concreting and slab. The conduit should be tied to the reinforcement rods by using binding wires and unused ways of junction boxes and pipe ends should be covered using PVC end enclosures, run with 18SWG GI fisg wire wherever necessary 25mm dia, 2mm thickcomplete as per specifications and directions of the Engineer incharge	Mtr	55.61	Rupees Fifty Five And Paise Sixty One Only

Contractor

Executive Engineer
Project Division
Yelahanka Zone

No	Quantity	Item Name	Unit	Approved Rates of Sri. Gnanendra Murthy M D	
				In figures	In words
58	50.00	Open Conduit System - supplying heavy gauge PVC conduit pipe dia mm thick comfirming to IS 2509 with suitable size bends, junction boxes, adhesive paste etc., and fixing using inverted wood plugs in case of RCC ceiling and RCC wall / stone structure or rawl plugs in case of brick walls and cement plastering the damaged portion using heavy gauge saddles at an interval of 700mm using NF screws. 25 mm dia, 2mm thick complete as per specifications and directions of the Engineer incharge	Mtr	68.20	Rupees Sixty Eight And Paise Twenty Only
59	60.00	Groove cutting : Supplying heavy gauge conduit PVC 25/2mm of s thick heavy with suitable size bend , metal junction boxes, adhesive pastes etc, by groove cutting in a wall and fixing by bracing U or J hooks and cement plastering up to the surface and run with 18SWG GI fish wire run throughout the conduit where ever necessary. 19/20mm dia, 2mm thick complete as per specifications and directions of the Engineer incharge	Mtr	53.51	Rupees Fifty Three And Paise Fifty One Only
60	80.00	Groove cutting : Supplying heavy gauge conduit PVC 25/2mm of s thick heavy with suitable size bend , metal junction boxes, adhesive pastes etc, by groove cutting in a wall and fixing by bracing U or J hooks and cement plastering up to the surface and run with 18SWG GI fish wire run throughout the conduit where ever necessary. 25mm dia, 2mm thick complete as per specifications and directions of the Engineer incharge	Mtr	56.66	Rupees Fifty Six And Paise Sixty Six Only
61	6.00	Supplying and flush modular poweder coated / galvanized metal box suitable for mounting modular switch plates. the box should be firmil flush mounted after due groove cutting in brick /stone/C.C wall complete as per specifications and directions of the Engineer incharge	Each	99.67	Rupees Ninety Nine And Paise Sixty Seven Only
62	4.00	Supplying and flush modular poweder coated / galvanized metal box suitable for mounting modular switch plates. the box should be firmil flush mounted after due groove cutting in brick /stone/C.C wall complete as per specifications and directions of the Engineer incharge	Each	110.17	Rupees One Hundred Ten And Paise Seventeen Only
63	1.00	Supplying 6A flush type socket and 6 amp flush type SP switch either surface/flush mountinh in existing gang box or in 4mm thik plastic sheet and fixing over a flush mounted wooden box and wiring using necessary capacity wire as required as per IS 1293 and IS 3654 . 6AMP 3/5 and Switch complete as per specifications and directions of the Engineer incharge	Each	138.49	Rupees One Hundred Thirty Eight And Paise Forty Nine Only
64	4.00	Supplying and mounting 2 Nos, of 2 Way 6amps flush type switches either surface/flush mounted on existing gang box or in 4mm thick plastic sheet and mounted on a flusg mounted wooden box and wiring complete as per specifications and directions of the Engineer incharge	Each	157.38	Rupees One Hundred Fifty Seven And Paise Thirty Eight Only
65	1.00	Supply and fixing of bakelite D.P /socket/switch with/ without neon indicator over existing wood board or flush mounting in plastic plates/nitchescomplete as per specifications and directions of the Engineer incharge	No	203.54	Rupees Two Hundred Three And Paise Fifty Four Only
66	6.00	Supply and fixing of bakelite D.P /socket/switch with/ without neon indicator over existing wood board or flush mounting in plastic plates/nitches complete as per specifications and directions of the Engineer incharge	No	157.38	Rupees One Hundred Fifty Seven And Paise Thirty Eight Only

Contractor

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	Quantity	Item Name	Unit	Approved Rates of Sri. Gnanendra Murthy M D	
				In figures	In words
67	150.00	Wiring for lighting/power circuit using Grade using one of FRLS PVC insulated 1100 volts grade, multistrand copper with low conductor resistance single core wire in open or concealed system of wiring. With specified IS-694: confirming to Latest amendements. 2.5sqmm complete as per specifications and directions of the Engineer incharge	Mtr	33.57	Rupees Thirty Three And Paise Fifty Seven Only
68	120.00	Wiring for lighting/power circuit using Grade using one of FRLS PVC insulated 1100 volts grade, multistrand copper with low conductor resistance single core wire in open or concealed system of wiring. With specified IS-694: confirming to Latest amendements. 4sqmm complete as per specifications and directions of the Engineer incharge	Mtr	47.21	Rupees Forty Seven And Paise Twenty One Only
69	6.00	Supplying and fixing Metal Fan Box with Round Hook complete as per specifications and directions of the Engineer incharge	Nos	89.18	Rupees Eighty Nine And Paise Eighteen Only
70	6.00	Supplying and fixing of Group A, regular MCB distribution boards on wall/woodboard/flush mounting using required clamps, bolts, nuts etc., with provision for fixing suitable type capacity MCB'S single phase/ 3 phase / single door with powder coated painting made out of SWG MS enclosute 12 way SP & N complete as per specifications and directions of the Engineer incharge	Nos	1269.53	Rupees One Thousand Two Hundred Sixty Nine And Paise Fifty Three Only
71	1.00	Supplying and fixing Trivector meter suitable for operation LT operation and CT operated meter in polycarbonate body in class 0.5accuracy as per IS 14697 and completely wired complete as per specifications and directions of the Engineer incharge	Each	3963.88	Rupees Three Thousand Nine Hundred Sixty Three And Paise Eighty Eight Only
72	25.00	Supplying of .....feet - PVC Batten with integrated LED tube .....W with high quality diffuser with Life of 25000 burning hours & 70% lumen maintenance with CRI > 80. Power Input: 220-240V @ 50/60Hz & Power factor >0.9 along with CE approved. 2 years Warranty against any manufacturing defect working under standard electrical condition. LED light fighting 1 x4'-20/22 w complete as per specifications and directions of the Engineer incharge	Each	393.45	Rupees Three Hundred Ninety Three And Paise Forty Five Only
73	6.00	Supplying capacitor type ceiling fan complete with down rod blades shackle, canopies etc, for operation on 230 volts, 50 cycles. single phase AC supply conforming to ISS-374-1979 and with double ball bearing system 48" sweep (1200mm) complete as per specifications and directions of the Engineer incharge	Each	2192.83	Rupees Two Thousand One Hundred Ninety Two And Paise Eighty Three Only
74		GST @ 12%			

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